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Patent Abstracts of Japan

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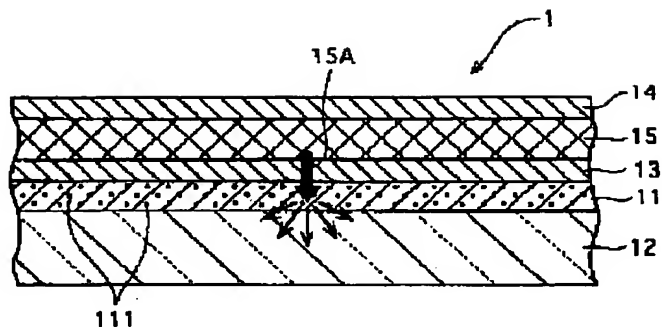
APPLICATION DATE : 18-05-98
APPLICATION NUMBER : 10135164

APPLICANT : IDEMITSU KOSAN CO LTD;

INVENTOR : SAKAEDA NOBORU;

INT.CL. : H05B 33/22 H05B 33/14

TITLE : ORGANIC
ELECTROLUMINESCENT(EL)
ELEMENT AND LIGHT EMITTING
DEVICE



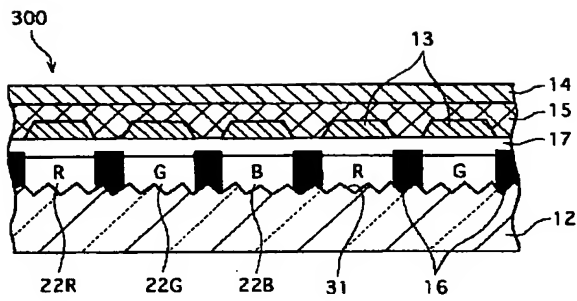
ABSTRACT : PROBLEM TO BE SOLVED: To provide an organic EL element and a light emitting device that can improve a viewing angle characteristic and is excellent in color purity.

SOLUTION: This organic EL element 1 is provided with a pair of electrodes 13, 14 and an organic luminescent layer 15 interposed between the electrodes 13, 14 and a light diffusing color filter 11 having a light diffusing property is formed on the light extraction side of the organic luminescent layer 15. Thereby, the light rays radiated from the organic luminescent layer 15 at all angles can be mixed by diffusing them, so that color variations depending on visual angles can significantly be relaxed and light color purity can be enhanced. A light emitting device having an excellent viewing angle characteristic and color purity can be provided by applying the organic EL element 1 to the light emitting device.

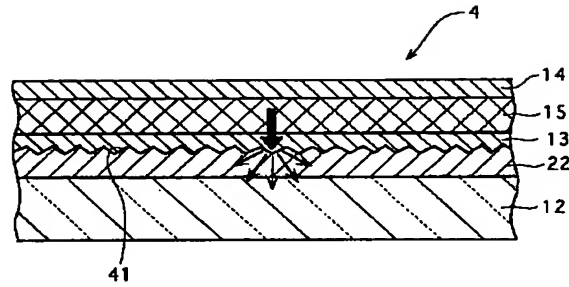
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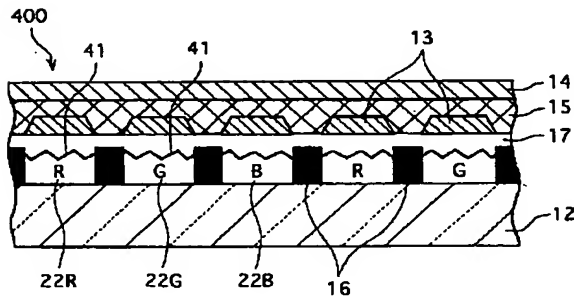
【図8】



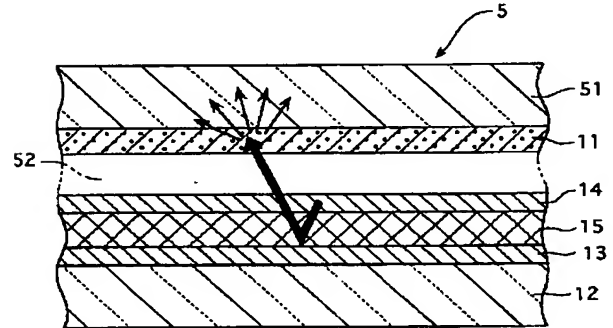
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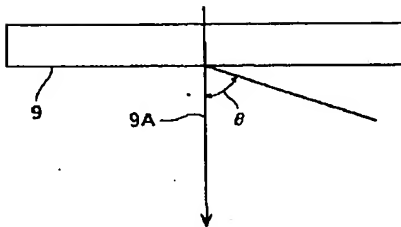
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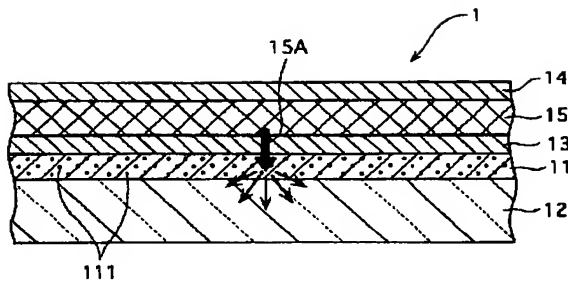
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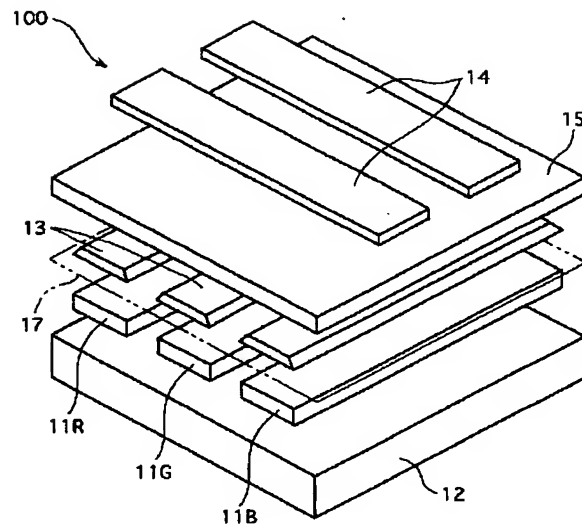
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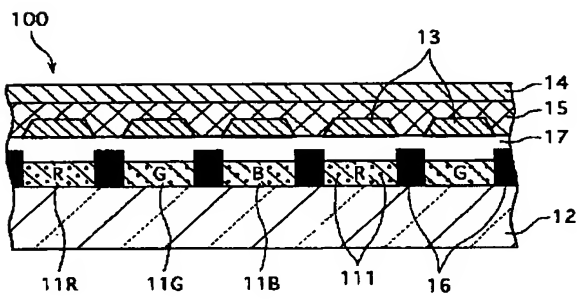
【図1】



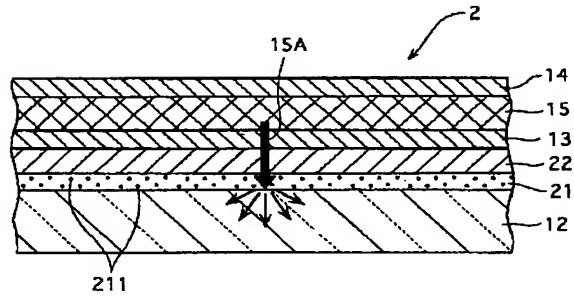
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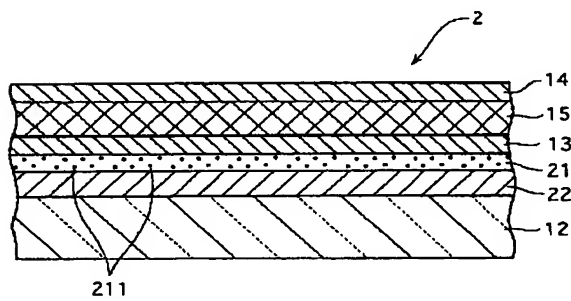
【図3】



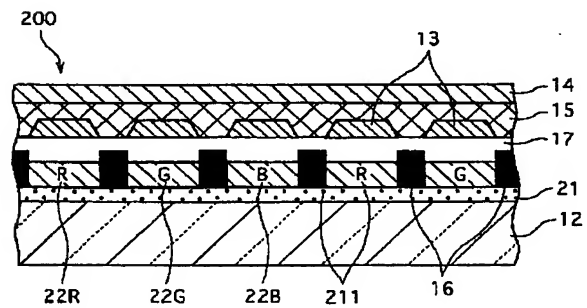
【図4】



【図5】



【図6】



【図7】

